## **Ecological Reference Worksheet**

Author(a) / noutisinant(a). Var	unath Alaan			
	meth Alcon		Defenence site wood? Veg/No	Ma
	n Tunberg	0 1 51 :	Reference site used? Yes/No	No
		Sandy Plains	This <u>must</u> be verified based or	1 SOIIS
and climate (see Ecological Site De <b>Indicators:</b> For each indicator, d	• •		e, (1) use numbers, (2) include expect	ted
	-	•	reference state, when appropriate &	Indicator Weight
(3) site data. Continue description of	<u> </u>		appropriate et	cato eigh:
1. Number and extent of rills :	1			£ 7
None  2. Presence of water flow patterns:				
2. Fresence of water now patterns.				
None				
3. Number and height of erosional	pedestals or terracettes:			
None				
4. Bare ground from Ecological Sit	te Description or other studies (	rock, litter, lichen,	moss, plant canopy are not bare groun	nd):
40 . 500/ P. G. I				
40 to 50% Bare Ground.  5. Number of gullies and erosion as	esociated with gullios			
5. Number of gumes and crosion as	ssociated with guilles.			
None				
6. Extent of wind scoured, blowout	ts and/or depositional areas:			
Very seldom, however some erosion ca	in be expected in disturbed areas.			
7. Amount of litter movement (des				
N				
None or very little if present.  8. Soil surface (top few mm) resists	ance to eresion (stability) value	e ara avaragae - ma	st sites will show a range of values for l	both
plant canopy and interspaces, if		s are averages - mo	ist sites will show a range of values for	ootii
Soil Stability class anticipated to 3-4. To Soil surface structures and SON	These values will need to be verificated to be v	ied in reference site. Ength of structure, a	and A-horizon color and thickness for b	ooth plant
canopy and interspaces, if differ	- <del>-</del>			F-M-10
SOM ranges from 1 20/				
SOM ranges from 1-3%.  10. Effect of plant community comp	osition (relative proportion of o	different functional	groups) & spatial distribution on infil	tration &
runoff:				
	oaction layer (usually none; des	cribe soil profile fe	atures which may be mistaken for com	paction
on this site):				
		nance by above-gr	ound weight using symbols: indicate m	nuch
greater than (>>), greater than	ı (>) , and equal to (=) :			
13. Amount of plant mortality and o	lecadence (include which funct	ional groups are ex	pected to show mortality or decadence	):
14. Average percent litter cover (	% ) and depth (	inches).		
15. Expected annual production (th	is is <u>TOTAL</u> above-ground pro	duction, not just fo	orage production):	
	=	_	which characterize degraded states an	
after a threshold is crossed, "can, and often do, continue to increase regardless of the management of the site and may eventually				ventually
dominate the site":				
17. Perennial plant reproductive ca	padility:			

Photograph (s)

MLRA :	Dat	e:
<b>Ecological Site:</b>		
Photo # 1		
<b>Comments:</b>		
Photo # 2		
Comments:		

## **Functional / Structural Groups Worksheet**

State	Office	Ecological Site	
Observers			Date

	Functional / Structural Groups		Species List for Functional / Structural Groups	
Name	Potential 1	Actual 2	Plant Names	
Biological Crust <sup>3</sup>				

Indicate whether each "structural/functional group" is a Dominant (D)(roughly 40-100% compositio), aSubdominant (S) (roughly 10-40%) composition) aMinor Component (M) (roughly 2-5% composition), or aTrace Component (T) (<2% composition) based on weight or cover composition in the area of interest (e.g., "Actual <sup>2</sup> column) relative to the "Potential <sup>2</sup> column derived from information found in the ecological site/description and/or at the ecological reference area.

**Biological Crust** 3 dominance is evaluated soley oncover not composition by weight